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WATER SUPPLY OUTLOOK

FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS

for

WYOMING

UNITED STATES DEPARTMENT of AGRICULTURE...SOIL CONSERVATION SERVICE, and

STATE ENGINEER of WYOMING

Data included in this report were obtained by the agencies named above in cooperation with the Bureau of Reclamation, U.S. Forest Service, National Park Service, and other Federal, State and private organizations.

APR. 1, 1964

UNITED STATES DEPARTMENT OF AGRICULTURE - SOIL CONSERVATION SERVICE

To Recipients of Water Supply Outlook Reports:

CALIFORNIA.

The climate of the cultivated and populated areas of the West is characterized by relatively dry summer months. Such precipitation as occurs falls mostly in the winter and early spring months when it is of little immediate benefit to growing crops. Most of this precipitation falls as mountain snow which stays on the ground for months, melting later to sustain streamflow during the period of greatest demand during late spring and summer. Thus, nature provides in mountain snow an imposing water storage facility.

The amount of water stored in mountain snow varies from place to place as well as from year to year and accordingly, so does the runoff of the streams. The best seasonal management of variable western water supplies results from advance estimates of the streamflow.

A snow survey consists of a series of about ten samples taken with specially designed snow sampling equipment along a permanently marked line, up to 1000 feet in length, called a snow course. The use of snow sampling equipment provides snow depth and water equivalent values for each sampling point. The average of these values is reported as the snow survey measurement for a snow course.

Snow surveys are made monthly or semi-monthly beginning in January or February and continue through the snow season until April, May or June. Currently more than 1400 western snow courses are measured each year. These measurements furnish the key data for water supply forecasts.

Streamflow forecasts are obtained by a comparison of total or maximum snow accumulation, as measured by snow water equivalent, to the subsequent spring and summer or snowmelt season runoff over a period of years. The snow water equivalent measured in selected snow courses provides most of the index to the streamflow forecast for the following season. More accurate forecasts are usually obtained when other factors such as soil moisture, base flow and spring precipitation are considered and included in the forecast procedure. Early season forecasts assume average climatic conditions through the snowmelt season.

Listed below are the Federal-State-Private Cooperative Snow Survey and Water Supply Forecast reports available for the West which contain detailed information on snow survey measurements, streamflow forecasts, reservoir storage, soil moisture and other guide data to water management and conservation decisions. Soil Conservation Service Reports may be secured from Water Supply Forecasting Unit, Soil Conservation Service, P.O. Box 2807, Portland, Oregon 97208.

PUBLISHED BY SOIL CONSERVATION SERVICE

	TOBEISHED DI SOIL	L CONSERVATION SERVICE	
REPORTS	ISSUED	LOCATION	COOPERATING WITH
RIVER BASINS			
WESTERN UNITED STATES	MONTHLY (FEBMAY)	PORTLAND, OREGON	ALL COOPERATORS
BASIC DATA SUMMARY	OCTOBER 1	PORTLAND, OREGON	ALL COOPERATORS
STATES			
ALASKA	MONTHLY (MARMAY)	PALMER, ALASKA	_ ALASKA S.C.D.
AR I ZON A	SEMI-MONTHLY (JAN.15 - APR.1)	PHOENIX, ARIZONA	_ SALT R. VALLEY WATER USERS ASSOC. ARIZ. AGR. EXP. STATION
COLORADO AND NEW MEXICO	MONTHLY (FEBMAY)	FORT COLLINS, COLORADO_	- COLO. STATE UNIVERSITY COLO. STATE ENGINEER N. MEX. STATE ENGINEER
IDAHO	MONTHLY (JANJUNE).	BOISE, IDAHO	IDAHO STATE RECLAMATION ENGINEER
MONTANA	MONTHLY (JANJUNE).	BOZEMAN. MONTANA	MONT. AGR. EXP. STATION
NEVADA	MONTHLY (JANMAY)_	RENO, NEVADA	_ NEVADA DEPT. OF CONSERVATION AND NATURAL RESOURCES - DIVISION OF WATER RESOURCES
ORE GON	MONTHLY (JANJUNE).	PORTLAND, OREGON	OREG. STATE UNIVERSITY OREGON STATE ENGINEER
UTAH	MONTHLY (JAN JUNE).	SALT LAKE CITY, UTAH	_ UTAH STATE ENGINEER
WASHINGTON	MONTHLY (FEBJUNE)	SPOKANE. WASHINGTON	_ WN. STATE DEPT. OF CONSERVATION
WYOMING	MONTHLY (FEBJUNE)	CASPER, WYOMING	_ WYOMING STATE ENGINEER
	PUBLISHED (BY OTHER AGENCIES	
REPORTS	ISSUED		AGENCY
BRITISH COLUMBIA	MONTHLY (FEBJUNE)_		S SERVICE, DEPT. OF LANDS, RESOURCES, PARLIAMENT BLDG., CANADA

MONTHLY (FEB. - MAY)

CALIF. DEPT. OF WATER RESOURCES, P.O. BOX 388, SACRAMENTO, CALIF.



INDEX TO WYOMING SNOW COURSES

ORAINAGE BASIN AND COURSE NAME	WYOMING NUMBER	ELEV.	LOCATIO SEC. LAT.	TWP.	LONG.	RECORO 8EGAN	MEAS. OATES a	MEAS. BY b	ORAINAGE BASIN ANO COURSE NAME	WYOMING NUMBER	ELEV.	LOCATIO SEC. LAT.	TWP,	RANGE LONG.	RECORO BEGAN	MEAS. OATES a	MEAS. BY b
		MISSO	URI RIVER	ORAINA	IGE						WISSU	URI RIVER	CURATIO	iGC.			
MAOISON RIVER						1076	2,3,4,5	2	POWDER RIVER				1.50	0	1060	2 3 1 5	
Norris Bosin 21 Mile m West Yellowstone m	10E2 11E6 11E7	7500 7150 6700	317 1 171 1711,	11S 13S	110 L2 * 5E 5E	1936 1934 1934	1,2,3,4,5	5 1	Bear Trap Canyon Creek Clouds Peak County Line	7F1A 7F2 7E36A 7E6MP	8000 7400 10000 8200	16 15	45N 43N 51N 48N	85 W 86 W 85 W 86 W	1960 1960	2,3,4,5 2,3,4,5 2,3,4	1
YELLOWSTONE									Muddy Creek G.S. Munkres Pass	6£2 7£8	7800 9700	2	48N	84.W 85.W	1956 1950	2,3,4,5	1
Canyon Cooke City m Crevice Mountain m East Entrance Lake Camp #1, #2 Lupine Creek	10E3 1007#P 10D5 9E5#P 10E4# 10E1	7750 7400 8400 7000 7850 7300	中 中 中 中 中 中 中 中 中 中 中 中 中 中 中 中 中 中 中	9s 9s	110 301 14E 9E 110 001 110 371	1938 1937 1935 1948 1937 1938	1,2,3,4,5 1,2,3,4,5 3,4 1,2,3,4,5 1,2,3,4,5	2 1 7 5 5 5	Onion Guich Soldier Park Sour Oough SWEETWATER	7E27# 7E5 6E1	8100 8700 8500	31 36 17	18n 51n 19n	85₩ 85₩ 8Ц₩	1956 1950 1936	2,3,4,5 2,3,4,5 2,3,4,5	1,6
Thumb Oivide Sylvan Pass	10E7 10E5	7900 7100	14 28 1 14 28 1		110 351	1946 1936	2,3,4	5 2	Grannier Meadows Larsen Creek South Pass	8G4 9G6A 8G3MP	9000 9000	19 12 13 •	30N 30N 30N	100W 103W 101W	1937 1949 1939	2,3,4,5 2,3,4,5 2,3,4,5	1
CLARK'S FORK		22.00	~~	-/	10/111	1010	0.7.1.5		LARAMIE RIVER								
Lodgepole	9EI	8200	32	56N	106W	1940	2,3,4,5	1,4	Brooklyn Lake #2	6HIMP	10200	H	16N	79¥	1956	2,3,4,5	1
WIND RIVER Big Warm Burroughs Creek Oinwoodie Oinwoodie Glaciers	9F12 9FL 9F10 9F17A	8800 8800 10000 10500	36 15 8 43 161	42 N 43 N 3 N	109W 107W 6W 109 38'	1955 1948 1948	2,3,4,5 2,3,4,5 2,3,4,5 2,3,4	1,3	Cameron Pass c Oeadman Hill c Evans Foxpark Hairpin Turn #3 Libby Lodge #2	5J1 5J6 6HI5 6HI2P 6H2 6H3	10285 10200 9000 9200 9500 8700	2 26 • 4 21 24 29	6N 10N 12N 13N 16N 16N	76₩ 75₩ 78₩ 78₩ 79₩ 78₩	1937 1960 1936 1936 1936	3,4,5 2,3,4,5 2,3,4,5 2,3,4,5 2,3,4,5	 4 -
Ory Creek OuNoir Geyser Creek Little Worm	9F9 9F6 9F7 9F8	9500 8750 8500 9500	10 27 12 24	3N 12N 11N 11N	6W 108W 108W 108W	1948 1948 1948	2,3,4,5 2,3,4,5 2,3,4,5	1,3	Lost Lake c McIntyre c Pole Mountain #2 Roach c	5J23 5J15 5HI 6J12A	9300 9100 8700 9800	32 35 35 5	8N 10N 15N 10N	75 W 76 W 72 W 77 W	1949 1940	2,3,4,5 2,3,4,5 2,3,4,5	-
Sheridan R.S. #2 T-Cross Ranch	9F1L 9F3	7500 8000	3	43N	109W 107W	1940	2,3,4,5	1	CROW CREEK								
Togwotee Pass	I OF9MP	9600	29	Įψίν	IIOW	1936	2,3,4,5	5	Pole Mountain #2	5ні	8700	35	15N	72 W	1936	2,3,4,5	- 1
POPO AGIE RIVER									NORTH PLATTE								
Blue Ridge Bruce's Camp Hobbs Park Mosquito Park R.S. Sawmill Glade South Pass St. Lawrence R.S. Trout Creek	862 865 963 964 861 863MP 9F1 1	9500 6500 10000 9500 8500 9000 9000 8400	23 24 22 23 3 13 26 5	31N 32N 2S 2S 31N 30N 1N 2S	101 W 101 W 3 W 101 W 101 W 101 W	1939 1955 1948 1940 1939 1949 1948	2,3,4,5 2,3,4,5 2,3,4,5 2,3,4,5 2,3,4,5 2,3,4,5 2,3,4,5	1,3	Albany Bottle Creek Boxelder #2 Cameron Pass Casper Mountain Columbine c Elk River c	6HIIA 6H8 5GI 5JI 6GIMP 6J3 6J4 6H12P	9400 8200 9000 10285 8700 9300 8700 9200	18 24 31 2 16 21 6	14n 14n 30n 6n 32n 5n 10n 13n	78 W 85 W 75 W 76 W 79 W 82 W 85 W 78 W	1949 1936 1950 1936 1954 1936 1936	2,3,4,5 2,3,4,5 2,3,4,5 1,2,3,4,5 2,3,4,5 2,3,4,5 2,3,4,5	,5 I
Twenty Lakes	967A	105 30	22	15	5₩	1959	2,3,4	1	Foxpark LaBonte	562	8450	11	27N	74W	1949	2,3,4,5	1
OWL CREEK	0-1		_,	Laur					North Barrett Creek North French Creek	6нЦРА	9400	30 27	16N	80W 80W	1936	2,3,4,5	1,6
Owl Creek	8FI	8700	36	43N	101₩	1948	2,3,4,5	1	Northgate c Old Battle	6J7 6HI OP	8500 980 0	29	11N	79₩ 85₩	1950 1936	2,3,4,5	1,6
GREYBULL RIVER									Park View Rock Creek	6H17A	9200 9800	2L	5N 17N	78₩ 79₩	1936 1960	2,3,4,5	1,
Frontier Needle Kirwin 9 Wood River #2 Timber Creek #2	9E6 9F19A 9F15 9E3	10000 11000 8000 8800	28 13 28 25	45N 46N 47N	10ДW 10ДW 103W	1961 1960 1956 1955	2,3,4 2,3,4,5 2,3,4,5	1	Ryan Park Webber Spring Willow Creek Pass CHEYENNE RIVER	6H6A 6H9M c 6J5	8400 9000 9500	34 27 I	16n 14n 4n	81 ₩ 85 ₩ 78 ₩	1936 1936 1938	2,3,4,5 2,3,4,5 2,3,4,5	1,6
SHOSHONE RIVER									Terry Peak sd	3E2	7000	-11	Lи	2E	1960	2,3,4	1 1.
Carter Mountain East Entrance Sylvan Pass Yount's Peak	9ELM 9E5MP 10E5 9F18A	7800 7000 7100 8500	15 山 29 山 28 山 56	50N	103 W 110 02' 110 02'	1957 1948 1936 1960	1,2,3,4 1,2,3,4,5 1,2,3,4,5 2,3,4	 	Upper Spearfish sd		6500	ŽÍ RADO RIVER	3N	IE	1944	2,3,4	1,4
NOWOOO CREEK									GREEN RIVER above	GREEN RIVE	R						
Bear Trap Canyon Creek Cold Springs Camp County Line Medicine Lodge Lakes Munkres Pass Onion Gulch Tyrell R.S. West Tensleep Lake	7F1A 7F2 7E25 7E6 7E24M 7E8 7E27M 7E35 7E26A	8000 7400 87000 8200 9500 9700 8100 8300 9075	10 16 1 7 11 31 30 33	45N 43N 50N 48N 51N 48N 48N 49N 50N	85 W: 86 W 88 W 86 W 87 W 85 W 85 W 86 W 86 W	1960 1960 1956 1963 1956 1950 1956 1956	2,3,4,5 2,3,4,5 2,3,4,5 2,3,4,5 2,3,4,5 2,3,4,5 2,3,4,5 2,3,4,5	 	Big Sandy Opening Blind Bull Summit Outch Joe R.S. East Rim Divide Elk Heart Park G.S. Gros Ventre Kendall R.S. #1 Kendall R.S. #2 Loomis Park #1 Loomis Park #2	969P 1062A 965 10F17/ 9F23P 10F15 10F15 10F16 10F16	97100	17 ° 6 32 32 16 36 23 14 14 28	31 N 34 N 37 N 35 N 40 N 38 N 37 N 37 N	1014 115 W 1014 W 111 W 108 W 110 W 110 W 111 W 111 W 108 W	1961 1948 1936 1936 1961 1948 1936 1961	2,3,4,5 2,3,4,5 1,2,3,4,5 2,3,4,5 2,3,4,5 2,3,4,5 2,3,4,5 2,3,4,5	, l ₄ , l ₄ , l ₄
SHELL CREEK									Mulligan Park New Fork Lake	9F2I	8325	- 11	35N 36N	109W	1936 1961	2,3,4,5	1,4
Bold Mountain Beaver-Tongue Oivide Bone Spring Oivide Granite Pass Ranger Creek Shell Creek	7E21M 7E20 7E18A 7E17P 7E4 7E23A	9600 9200 9200 8950 8800 9600	33 12 32 19 32	56N 55N 55N 54N 53N 52N	91 W 91 W 89 W 88 W 88 W	1956 1956 1956 1956 1935 1956	2,3,4,5 2,3,4,5 2,3,4,5 2,3,4,5 2,3,4,5 2,3,4,5	1,6 1,6 1,6 1	North Horse Creek Piney LaBarge #2 Piney LaBorge #2 Pocket Creek Poison Meadows Snyder Basin R.S. # Soda Lake Triple Peaks	10616 10610 10610 9611 1066A 2 10613/ 10614		12 19 19 19 29 15 14	34n 29n 29n 32n 30n 29n 33n 34n	114W 114W 116W 114W 114W	1961 1937 1959 1961 1948 1956 1955	2,3,4,5 2,3,4,5 2,3,4,5 2,3,4,5 2,3,4,5 2,3,4,5 2,3,4,5	, t
PORCUPINE CREEK									GREEN RIVER below G						,,,,	.,,,41)	. ,4
Five Springs Falls Medicine Wheel	7E31 7E30	7500 9000	19 24	56N 56N	92 W	1956 1956	2,3,4,5	1,6	Big Park Black's Fk Junc. u	10011	8700 8925	7 33	27N 3N	117 W	1951	2,3,4,5 3,4,5	1,4
TONGUE RIVER									Buck Pasture u East Fk Black's Fk		9300	14 25	1 N 2 N	IZE	1963 1961	2,3,4,5	
Beaver-Tongue Olvide Big Goose #2 Bone Spring Olvide Burgess R.S. #2 Dome Lake #2 Geneva Pass Gloom Creek Granite Pass Sibley Lake Steamboat Point Sucker Creek Wood Rock G.S.	7E20 7E32M 7E18A 7E33P 7E31A 7E37A 7E11A 7E11 7E10 7E10 7E12A 7E13	7900 8800 10600 9300 8950 8000 7500	36 11 30 32 19 10	55 N N N N N N N N N N N N N N N N N N	91 W 86 W 89 W 89 W 87 W 86 W 87 W 88 W 87 W 87 W 88 W	1956 1955 1956 1955 1950 1961 1956 1956 1956	2,3,4,4,5,5 2,2,2,3,3,4,4,5,5 2,2,2,3,3,4,4,5,5 2,2,2,2,2,2,2,2,2,2,2,2,2,2,2,2,2,2	1.6.6.6.6.6.6.6.6.6.6.6.6.6.6.6.6	Elk River c Hayden Fork u Henry's Fork u Henry's Fork u Hickerson Park u Hole-in-the-rock u Hole-in-the-rock G Kelly R.S. Lake Fork Basin u Middle Beaver Creel Old Bottle Steel Creek Park u	10012	9500 9100 9150 8300 8200 A 11100 8550 9800		10N 15 1N 2N 2N 26N 1S 14N 2N	85 W 9E 14E 17E 15E 118 W 11E 16E 85 W 13E	1936 1951 1963 1930 1931 1954 1951 1962 1954 1954	2,3,4,5 2,3,4,5 3,4,5 4,2,3,4,5 2,3,4,5 2,3,4,5	1,4
USDA SCS-LINCOLN A				741		.,,0	151417	.,0	Spirit Lake u Trial Lake u	9J7 10J8P	10300 9800	10	IN 25	17E 9E	1961 1931	2,3,4,5 3,4,5 1,2,3,4,	1
																1-1214	, '

		LUCATION			
ORAINAGE BASIN AND COURSE NAME	WYOMING NUMBER ELEV.	SEC. LAT. TWP.	RANGE LONG.	RECORO BEGAN	MEAS, MEAS. OATES a BY b
	COLUM	BIA RIVER ORAIN	AGE		
SNAKE RIVER BASIN (A	Above Jackson Lake	e)			
Arizona	10FI 6850	35 46N	115₩	1919	2,3,4 5
Astor Creek	10E8 7700	44 171	110 371	1919	2,3,4 5
Bose Camp	10F2 6900	50 Pen	113₩	1947	2,3,4 5
Coulter Creek	10510 7600	44 091	110 33'	1919	2,3,4 2
Glade Creek	10E13 7200	TH 081	110 114	1919	2,3,4 5
Grassy Lake	10E15HP 7265	6 48N	116₩	1940	2,3,4,5 5
Huckleberry Olvide	10E14 7300	32 48N	115₩	1919	2,3,4 5
Lewis Lake Oivide	1089 7900	Щ 131	110 40	1919	2.3.4.5 5
Moran	10FLMP 6800	8,17 45N	114#	1919	2,3,4 5
Moran Boy	10F3 6800	14 45N	116₩	1919	2,3,4 5
Snake River Station	10E12HP 6780	THT 081	110 401	1919	2,3,4 5
Thumb Oivide	10E7 7900	44 221	110 35	1951	2.5.1.4 5.5.5.4.4 5.3.3.4.4 5.5.3.3.4.4 5.5.3.3.4.4 5.5.3.3.4.4 5.5.3.3.4.4 5.6.4 6.
Tramb or trac					,,,,
JACKSON LAKE TO PAL	ISA0ES				
Afton R.S.	1064 6200	30 32N	118w	1936	1,2,3,4,5 4
Blackrock	10F7 8600	Tr THIN	HIIW	1936	1,2,3,4,5 4 2,3,4 5
Blind Bull Summit	10G2A 8750	6 34N	115W	1948	2,3,4
Bryan Flat	10F14 6250	9 38N	115W	1936	1,2,3,4,5
CCC Camp	1067 7500		118W	1936	1,2,3,4,5 1,4
Cottonwood Lake	1065A 7500	9 29N 25 31N	118w	1936	2,3,4
Oeadman Ranch	10GIA 6534	32 35N	116W	1936	2,3,4
East Rim Oivide	10F17HP 7950	32 37N	FILM	1936	1,2,3,45
Four Mile Meadows	10F6 7770	32 37 N 35 45 N	115#	1936	2,3.4,5 5
Grey's Boundary	IOF18 5800	33 37N	118W	1936	1,2,3,4,5 1,4
Gros Ventre	10F19 8750	36 40N	111₩	1948	2,3,4,5
Grover Park Oivide	1063 7500	36 40N 27 33N	118₩	1936	1,2,3,4,5 1,4
Loomis Park	10F16 8500	1L 37N	TITW	1936	2,3,4,5 1,4
Poison Meadows	1066 8500	29 30N	116W	1949	2,3,4,5
Teton Pass #2	10F13 8500	2L 41N	118W	1936	1,2,3,4,5
	10F9#P 9600	29 LLIN		1936	
Togwotee Pass	10F5 6930	14 45N		1936	
Turpin Meadows	10F10 7675	33 42N		1936	2,3,4 5 2,3,4,5 4
Yellowjacket		32 29N		1948	
Salt River Summit	10G8MP 7900 10F20M 7600	4 40N		1959	1,2,3,4,5 1,4 Semi. Mo. 1
Snow King Mtn. #3	10F20M 7600	4 4014	110#	לככי	Semi. Ma.
SEAR RIVER					
8lg Park	10611 8700	7 27N		1951	2,3,4,5 1,4
CCC Camp	10G7 7500	9 29N		1936	2,3,4,5 1,4
Goodman Ranch u	1 0J 6 7900	19 3N	I OE	1937	4 1
Hayden Fork u	10J7 9300	1 15	9E	1951	4.5
Head of Bear River	u 10J5 8600	15 2N	IOE	1935	4 1
Kelly R.S.	10G12P 8200	13 26N		1951	2,3,4,5 1,4
Lake Fork Bosin u	10J25A 11100	13 18	HE	1962	2,3,4,5
Monte Cristo R.S. u	11112 8960	3 8N	4E	1930	3,4,5
Poison Meadows	1066 8500	29 30N		1948	2,3,4,5 1,4
Salt River Summit	1068#P 7900	32 29N	118W	1948	2,3,4,5 1,4
Trial Lake u	10J8P 9800	5 2S	9E	1931	1,2,3,4,5 1

LOCATION

a. Numerals 1,2,3,4 and 5 refer to January 1, February 1, March 1, April 1, and May 1.
b. Numerals refer to Agency that secures the snow survey, as follows:
1. Soil Conservation Service.
2. U. S. National Park Service.
3. U. S. Indian Service.
4. U. S. Forest Service.
5. U. S. Breau of Reclamation.
6. Wyoming State Engineer.
7. Wyoming State Engineer.
8. Fearson Storage Gage

FEDERAL STATE COOPERATIVE

SNOW SURVEYS AND WATER FORECASTS

FOR

WYOMING

Issued April I, 1964

Report Prepared
by
George W. Peak
Snow Survey Supervisor
and
Tommy A. George
Assistant Snow Survey Supervisor
State of Wyoming

Soil Conservation Service 345 East 2nd Street P. O. Box 340 Casper, Wyoming 82602

Issued by

B. H. Hopkins State Conservationist Soil Conservation Service Casper, Wyoming Floyd Bishop State Engineer of Wyoming State Capitol Building Cheyenne, Wyoming



WATER SUPPLY OUTLOOK

FOR

WYOMING

April 1, 1964

Above normal precipitation during March, followed by extremely heavy snow storms during the first few days of April, have increased the expected flows of the North Platte watershed from a low 72 percent of normal on March I, to a current forecast of 98 percent.

NCRTH PLATTE storage is 67 percent of the average for this time of year. Combined storage and snowmelt runoff will be 80 percent of average, and adequate for this summer's needs.

In general, the balance of the state has also improved a little over last month's data. The Snake River Basin is up to 82 percent, with 633,500 acre feet in Jackson Lake. If normal conditions continue during the balance of spring, the water surface elevation in Jackson Lake will remain satisfactory for summer and fall recreation.

THE GREEN RIVER BASIN outlook has also improved during the past month. Seasonal flows are expected to be 90 percent at Fontenelle.

THE WIND RIVER and its tributaries have dropped a little to an expected flow of around 80 percent. The west flank of the Big Horns stands at 90 percent in the south and II5 percent in the north. Buffalo Bill Reservoir is anticipating a yield of 83 percent of average summer supplies.

The forecasts are based on the assumption that subsequent spring precipitation will prove to be close to normal.



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	Seasonal	April I - Stream-Flow in T	- September 30	Feet
BASIN AND TRIBUTARY	Forecast	% 15-Year	Measured F	and the same of th
	Runoff	Average	1962	15-Yr. Avg. 1943-57
LITTLE POPO AGIE				
Lander (near)	32	74%	45	43*
NORTH POPO AGIE Milford (near)	67	78%	91	86*
BULL LAKE CREEK Lenore (near)	136	80%	203	170*
WIND RIVER Dubois (near)	80	8 0 %	108	100*
SHELL CREEK Shell (near)	59	9 2 %	95	64
TENSLEEP CREEK Tensleep (near)	66	83%	22	80
MEDICINE LODGE CREEK Hyattville (near)	17.4	90%	80	19.4
SHOSHONE RIVER Buffalo Bill Dam (below)(I)	710	83%	603	851
CLARK'S FORK Chance, Mont. (at)	555	90%		617
LARAMIE RIVER Jelm (at)(2)	1 05	93%	140	113
ENCAMPMENT RIVER Encampment (near)	143	92%	131	156
MEDICINE BOW RIVER Hanna (near)	94	95%	145	99
NORTH PLATTE RIVER Northgate (at) Saratoga (at)	21,10 650	94% 98%	433 975	255 661

All stream data taken from observed flow records with the following exceptions:

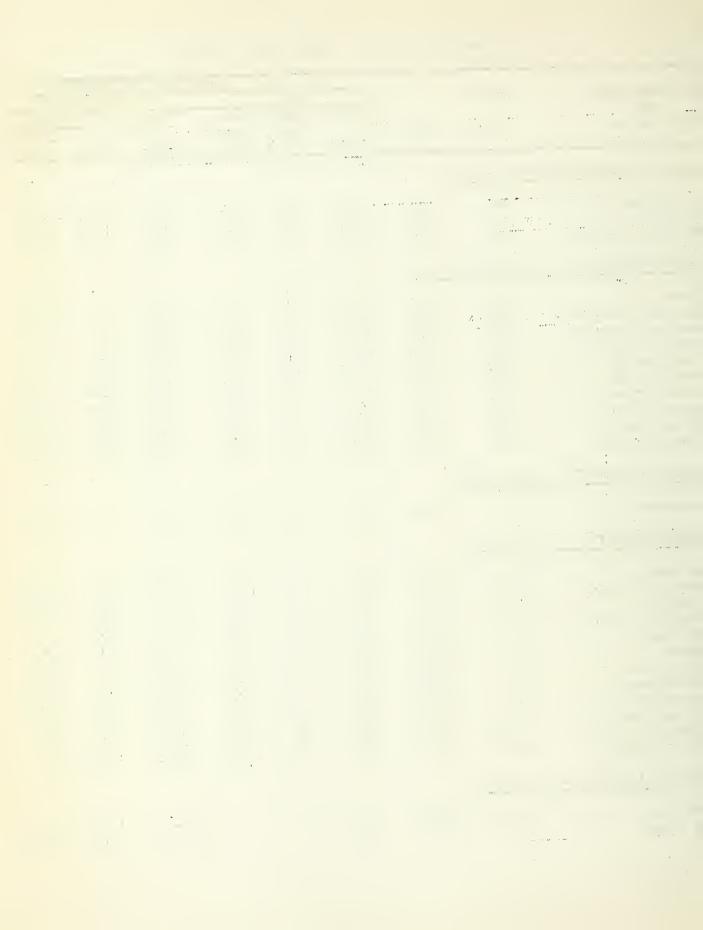
Observed flow corrected for Buffalo Bill storage, and Heart Mtn. Diversions.
 Observed flow corrected for Colorado River diversion above station.

printing the special contraction of the special	Seasonal	April I - S Stream-Flow in th	eptember 30 ousands of Ac	cre Feet
BASIN AND TRIBUTARY	Forecast		Measured	
	Runoff	Average	1962	15-Yr. Avg 1943-57
NORTH PINEY CREEK Mason (at)	37	90%	39	141
NEWFORK RIVER Boulder (near)	220	84%	263	261
GREEN RIVER Warren Bridge (at) Fontenelle (near)	320 880	86% 90%	373 1122	34 8 98 3
BIG SANDY CREEK Big Sandy (near)	50	85%	63	59
LITTLE SANDY CREEK Elkhorn (near)	12.4	83%	15	15
SNAKE RIVER Moran (at)(3)	750	81%	933	928
SNAKE RIVER Palisades (above)(3)	2260	82%	2919	2758
GREY'S RIVER Palisades Reservoir (above)	363	90%	438	403*
SALT RIVER Etna (above Reservoir)	335	93%	389	360
BEAR RIVER Utah-Wyo. State Line (near)	95	77%	1142	123
SMITH'S FORK Border (near)	112	9L;%	142	119
LITTLE SNAKE Dixon (at)	285	90%	385	316

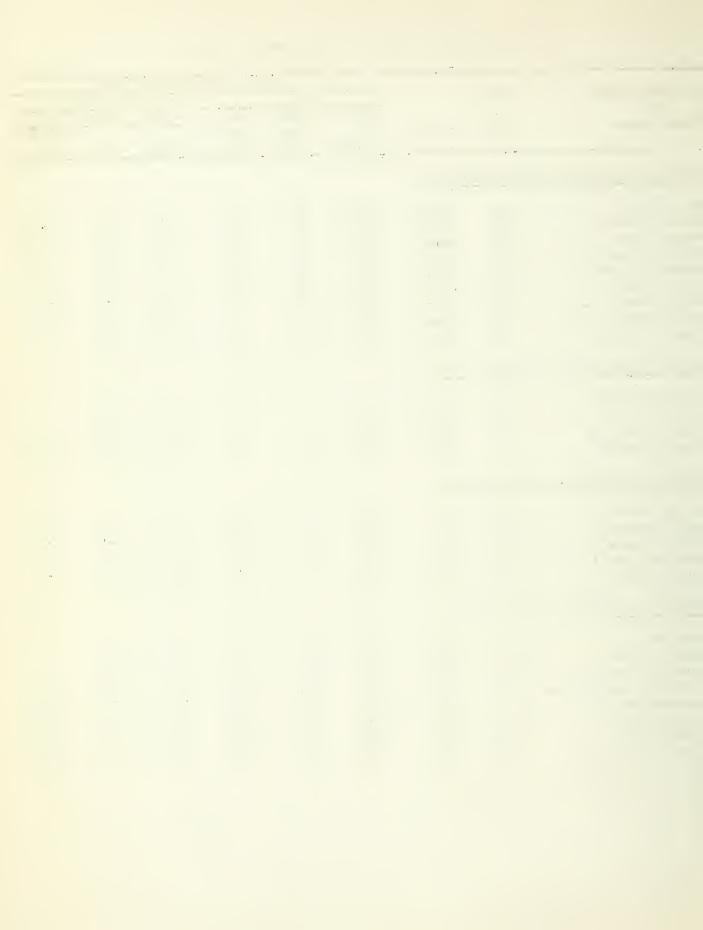
⁽³⁾ Observed flow corrected for Jackson Lake storage.* Less than 15 years of record.



					CNOW	COVER ME	ASIDEME	VITS
Drainage Basin	Number		*****	1964	214044		PAST RE	
and	or		Date	Snow	Water		Content	(In.)
Snow Course	State	Elev.	of Survey	Depth (In.)	Content (In.)	1963	1962	1943-57 Averag∈
MADISON RIVER - YELLO	WSTONE PAR	RK						
Norris Basin : 21 Mile ^m West Yellowstone ^m	10E2 11E6 11E7	7500 7150 6700	3/30 3/27 3/28	49 62 42	11.1 18.5 11.0	8.0 9.2 6.3	12.4 17.8 11.0	10.3e 19.2 12.7
UPPER YELLOWSTONE - Y	ELLOWSTONE	PARK						
Canyon Northeast Entrance ^m Crevice Mountain ^m East Entrance * Lake Camp #1 Lake Camp #2 Lupine Creek Norris B_sin * Sylvan Pass * Thumb Divide *	10E3 10D7MP 10D5 9E5MP 10E4M 10E4 10E1 10E2 10E5 10E7	7750 7400 8400 7000 7850 7850 7300 7500 7100 7900	3/31 3/30 3/30 3/30 3/30 3/31 3/30 3/28	51 34 39 37 40 36 36 49 46 65	16.1 9.6 10.6 11.6 9.8 9.1 8.7 11.1 14.7	12.3 7.4 8.2 6.4 5.3 4.6 4.4 8.0 10.5	19.4 9.3 12.1 9.7 14.4 13.4 12.6 12.4 10.9 29.0	16.0 9.0 10.5 11.9e 12.1e 10.8e 11.6e 10.3e 15.9 25.4e
OWER YELLOWSTONE - C	LARK'S FOR	K						•
Lodgepole	9E1	8200	3/31	38	11.8	9.4	11.1	13.1e
LOWER YELLOWSTONE - W	IND RIVER							
Big Warm Burroughs Creek Dinwoodie Dinwoodie Glaciers Dry Creek DuNoir Geyser Creek .ittle Warm Sheridan R.S. #2 T-Cross Ranch Togwotee Pass : Twenty Lakes :	9F12 9F10 9F17A 9F9 9F6 9F7 9F8 9F14 9F3 10F9MP 9F7A	8800 8800 10000 10500 9500 8750 8500 9500 7500 8000 9600	3/22 3/24 3/25 3/25 3/22 3/23 3/23 3/24 3/28	36 47 39 42 29 56 32 85 42	9.1 10.9 8.6 9.5A 5.2 8.1 7.1 12.8 7.4 5.1 30.3	8.0 12.3 10.0 N.R. 6.5 8.4 7.4 14.2 7.5 5.6 24.4 N.R.	12.0 15.6 13.5 16.0A 8.4 11.3 9.1 21.5 8.4 6.8 33.4	10. le 16.9e 13.2e 7. le 10. l 9.4e 18.3e 9.4e 8.1
LOWER YELLOWSTONE - O	WL CREEK							
Kirwin & Owl Creek	9F 19A 8F 1	10000 8700	N.R. N.R.			N.R. 5.7	13.0 7.9	7.3e



					OW COVER	MEASUR	EMENTS	
Drainage Basin	Number		Comment Commen	96L			ST RECO	
and Snow Course	or State	Elev.	Date of	Snow Depth	Water Content	Water	Conten	t (In.)
Show Codi Se	State	Liev.	Survey	(In.)	(In.)	1963	1962	Average
LOWER YELLOWSTONE - PO	PO AGIE	RIVER						
Blue Ridge Bruce's Camp Hobbs Park Mosquito Park R.S. Sawmill Glade South Pass * St. Lawrence R.S. Trout Creek Twenty Lakes *	862 865 963 964 861 863MP 9F11 962 967A	9500 6500 10000 9500 8500 9000 9000 8400	3/30 3/31 3/27 3/27 3/30 3/26 3/27 3/28	42 19 54 35 37 45 31 29 42	11.8 5.2 14.5 8.1 10.3 12.1 7.4 6.3 9.5A	12.0 4.1 12.9 7.7 9.1 14.0 6.5 5.3 N.R.	13.9 2.2 20.5 9.2 10.2 16.9 9.7 7.5 12.5A	13.7 5.5 20.1e 9.1e 8.6 16.4 7.8e 6.7e
LOWER YELLOWSTONE - GR	REYBULL F	RIVER						
Frontier Needle Kirwin ‡ Timber Creek #2 Wood River #2	9E6 9F19A 9E3 9F15	10000 11000 8800 8000	N.R. N.R. 4/1 3/31	13 21	3.9 6.2	N.R. N.R. 4.1 5.0	10.8 13.0 5.6 8.5	3.9a 5.8a
LOWER YELLOWSTONE - SH	OSHONE F	RIVER						
Carter Mountain East Entrance : Sylvan Pass : Togwotee Pass : Yount's Peak	9ELM 9E5MP 10E5 10F9MP 9F18A	7800 7000 9200 9600 8500	3/30 3/30 3/30 3/30 N.R.	15 37 46 85	4.3 11.6 14.7 30.3	3.9 6.4 10.5 24.4 N.R.	8.2 9.7 10.9 33.4 15.0A	5.1a 11.9e 15.9 32.1
LOWER YELLOWSTONE - NO	WOOD CRE	EEK						
Bear Trap : Canyon Creek : Cold Springs Camp Medicine Lodge Lakes Munkres Pass : Onion Gulch : Tyrell R.S. West Tensleep Lake	7F1A 7F2 7E25 7E24M 7E8 7E27M 7E35 7E26A	8000 7400 8700 9500 9700 8100 8300 9075	3/30 3/28 14/2 14/2 14/1 3/25 3/26	39 52 32 50 37 38 38 44	9.5A 13.1 9.2 13.1 9.9 9.4 10.0	8.6 11.7 6.9 10.4 7.1 8.3 8.3	11.8 14.0 7.0 11.8 13.5 13.5 10.2	9.1a 11.3a 9.3e 9.3a 7.5e 11.6a



			ender our and a selection of the second of t	S	NOW COVER	R MFASU	REMENTS	
Drainage Basin	Number		Section and Administration and the	1964			ST RECOR	D
and	or		Date	Snow	Water	Water	Content	
Snow Course	State	Elev.	of Survey	Depth (In.)	Content (In.)	1963	1962	1943 - 57 Average
LOWER YELLOWSTONE -	SHELL CRE	EK						
Bald Mountain * Beaver Tongue * Bone Spring Divide* Granite Pass * Ranger Creek Shell Creek LOWER YELLOWSTONE - F	7E21M 7E20 7E18A 7E17P 7E4 7E23A	9600 9200 9200 8950 8800 9600 CREEK	3/24 3/24 3/26 3/26 3/29 3/29	74 66 58 57 44 56	25.1 20.3 16.1 17.8 12. 0 14.0	24.1 19.8 15.6 15.1 9.4 13.4	24.7 22.1 20.7 19.0 10.9	20.9a 19.0a 16.7a 16.0a 9.1e 14.6a
Five Springs Falls Medicine Wheel	7E31 7E30	7 500 9000	3/31 3/25	33 58	10.0 18.4	\$.0 20.0	6.0 16.1	6.0a 16.3a
LOWER YELLOWSTONE - T	TONGUE RI	VER						
Beaver Tongue : Big Goose #2 Bone Spring Divide : Burgess R.S. #2 Dome Lake #2 Geneva Pass Gloom Creek Granite Pass : North Tongue Sibley Lake Steamboat Point Sucker Creek Wood Rock G.S.	7E20 7E32M 7E18A 7E33P 7E314A 7E17P 7E15 7E11 7E10 7E12A 7E13	9200 7700 9200 7900 8800 10600 9300 8950 8800 8000 7500 9000 8500	3/24 3/30 3/26 3/25 3/30 3/27 3/26 3/28 3/27 3/26	66 34 58 49 49 57 41 54 41	20.3 9.3 16.1 11.3 9.8 18.0A 13.8 17.8 13.8 15.1 11.6 18.3 14.2	19.8 7.3 45.6 9.1 10.5 45.0A 13.3 15.1 12.9 11.9 9.1 14.1	22.1 10.8 20.7 7.9 13.5 22.5A 16.3 19.0 13.9 11.0 9.3 14.1	19.0a 8.0a 16.7a 7.9a 10.6a 13.5a 16.0a 10.2a 8.1a 12.5a 10.8a
LOWER YELLOWSTONE - F	OWDER RI	VER						
Bear Trap * Canyon Creek * Cloud's Peak Muddy Creek G.S. Munkres Pass * Onion Gulch * Soldier Park Sour Dough	7FIA 7F2 7E36A 6E2 7E8 7E27M 7E5 6EI	8000 71,400 10000 7500 9700 8100 8700 8500	3/30 3/28 3/20 4/2 4/1 3/ 2 5 4/1	39 52 42 15 37 38 25 33	9.5A 13.1 10.5A 3.5 9.4 6.3 7.5	8.6 11.7 10.0A 2.8 7.1 8.3 4.5 5.4	11.8 14.0 19.0A 5.2 13.5 13.5 7.4	4.1a 9.3e 9.3a 5.5e 7.3



			SNOW COVER MEASUREMENTS						
Drainage Basin	Number		19	964.			AST RECOF	and the same of th	
and	or		Date	Snow	Water	Water	Content		
Snow Course	State	Elev.	of	Depth	Content		/-	1943-57	
		-	Survey	(In.)	(In.)	1963	1962	Average	
NORTH PLATTE - LARAN	ME RIVER								
Albany * Brooklyn Lake #2 Cameron Pass * Chambers Lake ^C Deadman Hill ^C Evans * Foxpark * Hairpin Turn #3 LaBonte * Libby Lodge Lost Lake ^C McIntyre ^C Pole Mountain #2 * Roach ^C * Rock Creek *	6HIIA 6HI3 5JI 5J2 5J6 6HI5 6H2 5G2 6H3 5J23 5J15 5HI 6J12 6HI4A	9400 10200 10300 9000 9000 9200 9500 84,50 8700 9300 9100 8700 9800	3/31 3/27 3/28 3/28 3/30 4/1 3/29 4/1 3/25	46 58 82 58 36 29 44 29 32 40 21 64 81	12.7 18.6 25.4 7.0 14.8 9.5 6.0 13.6 7.8 8.4 9.0 5.6 18.3e 24.3	12.3 17.3 20.1 7.9 13.0 10.3 N.R. 13.3 N.R. 10.7 10.5 7.1 3.8 11.8 22.1	16.8 26.1 38.9 10.1 17.2 15.8 10.8 17.5 11.3 13.1 15.8 5.1 26.0 35.5	15.5e 23.0e 24.9 8.8 16.8 7.4 12.6a 6.6e 11.5 11.8e 11.4e 5.6e	
NORTH PLATTE - ABOVE	SEMINOE 6HIIA		-	1 /	12.7	10 7	. (0		
Albany : Bottle Creek Boxelder #2 : Cameron Pass : Casper Mountain : Columbine ^C Evans : Foxpark : LaBonte : North Barrett Creek North French Creek Northgate ^C Old Battle : Park View ^C Roach ^C : Rock Creek : Ryan Park Webber Spring Willow Creek Pass ^C	6H8 5GI 5JI 6GIMP 6J3 6H15 6H15 6H12P 5G2 6H5AM 6H5AP 6J7 6H10P 6J2 6H14A 6H6A 6H9M 6J5	9400 8600 7500 10300 7940 9300 9000 9200 8450 9400 10200 8500 9800 9800 9800 9800 9800 9800	5/31 3/21 3/21 3/21 3/23 3/26 3/26 3/26 3/26	46 00 2 9 36 9 9 9 9 6 9 5 1 2 e 1 7 1 4 1	13.7 9.4 9.5 15.0 9.5 9.5 10.5 10.5 10.5 10.5 10.5 10.5 10.5 10	12.3 11.9 7.0 20.1 11.3 22.1 10.3 N.R. 12.8 4.4 23.6 7.2 11.8 22.1 14.7 9.8	16.8 16.4 38.9 18.0 15.8 10.8 15.8 10.9 35.4 25.1 26.5 37.9 14.0 20.1	15.5e 15.4 6.9a 24.9 13.5a 24.7 7.46e 20.0 30.5e 33.3 9.7 20.0 11.6 20.0	



				S	NOW COVER	R MEASUF	REMENTS	-
Drainage Basin	Number			1964			PAST RECO)RD
and	or		Date	Snow	Water	Water	Content	(In.)
Snow Course	State	Elev.	of Survey	Depth (In.)	Content (In.)	1963	1962	1943-57 Average
NORTH PLATTE - CROW (CREEK							
Pole Mountain #2 :	5H1	8700	3/30	21	5.6	3.8	5.1	5.6e
NORTH PLATTE - SWEET	ATER							
Grannier Meadows Larsen Creek South Pass :	8G4 9G6A 8G3MP	9000 9000 9000	3/30 3/26 3/30	47 39 45	11.8 9.2 12.1	13.9 7.6 14.0	16.4 15.2 16.9	16.1 11.6e 16.4
NORTH LARAMIE MOUNTAI	NS							
Boxelder #2 : Casper Mountain : LaBonte :	5G1 6G1MP 5G2	7500 7940 8450	3/31 4/1 3/29	30 49 29	9.4 15.6 7.8	7.0 11.3 N.R.	8.4 18.5 4.5	6.9a 13.5a 6.6e
GREEN RIVER - ABOVE G	REEN RIVE	:R						
Big Sandy Opening Blind Bull Summit; Dutch Joe R.S. East Rim Divide; Elk Heart Park Gros Ventre; Kendall R.S. #1 Kendall R.S. #2 Loomis Park #2; Mulligan Park New Fork Lake North Horse Creek Piney LaBarge #1 Piney LaBarge #2 Pocket Creek	969P 1062A 965 10F17MP 9F23P 10F15 10F16 10F16 10F16 10F16 961 9F21 10G16 10G10	9220 8750 8760 7950 9400 8750 7900 8500 8500 8500 8325 8200 8820	4/2 3/30 4/2 3/31 3/31 4/1 3/31 3/29 4/1	43 69 34 49 49 37 49 52 37 81 62 83	10.4 23.0A 7.7 10.0 12.4 17.2 8.3 10.6 14.9 15.9 10.4 21.6 18.4 22.8 10.3	9.5 20.5A 5.7 6.6 9.1 9.4 14.8 7.6 15.1 19.8 19.8	15.2 34.0A 12.7 14.4 19.6 17.2 14.0 22.6 14.0 26.3 30.9	33.4e 8.9e 12.4 13.7e 11.9 19.4 11.5
Poison Meadows & Snyder Basin #2 Soda Lake South Pass & Triple Peaks	9611 1066A 10613MP 10614 863MP 10615	9 3 60 8500 8040 8300 9000 8500	3/30 3/29 3/27 3/30 3/27	76 53 58 45 81	25.5A 15.1 15.4 12.1 23.5	7.6 25.7 13.6 14.0 14.0	17.8 39.6 20.8 20.6 16.9 31.4	30.9e 16.4 20.6e 16.4 32.0e



		- 			NOU COVER	AME A CLIE	CMENTO.	-
Designate Pagin	Number		-	1964 1964	NOW COVER		PAST REC	2000
Drainage Basin and	or		Date	1904				(In.)
Snow Course	State	Elev.	of	Depth	Content	na et	COMMENT	1943-57
3.70.7	0.4.0		Survey	(In.)	(In.)	1963	1962	Average
GREEN RIVER - BELOW G	REEN RIVE	R				term of the second		
Big Park &	10G11	8700	4/2	58	19.2	15.4	26.7	20.7a
Black's Fork Jct. "	10122	8925	3/24	35	8.1	7.2	11.1	
Buck Pasture U East Fork Black's Fk.U	10J23A	9700	3/ 30 3/24	47	11.5A	10.5A	N.R.	
Elk River ^C	6,14	93 00 8 700	2/24 N.R.	35	9.2	7.6 11.5	12.1	18.2
Henry's Fork"	1015/14	10200	3/30	40	9.7A	9.7A	N.R.	10,2
Hewinta R.S. U	1014	9500	3/25	33	8.3	8.9	10.8	10.5
Hickerson Park U	918	9100	3/24	39	6.3	3.8	10.6	
Hole-in-the-rock U	1011	9150	3/26	29	6.1	3.8	8.1	6.5
Hole-in-the-rock G.S.	-	8300	3/27	15	2.5	1.8	4.2	1.8
Kelly R.S. : Lake Fork Baisn ^U	10G12 10J25A	8200 11100	14/2 3/30	55 70	17.3 17.0A	12.7	24.7	18.1
Middle Beaver Creek ^u	1012	8550	3/26	26	6.1	N.R. 3.0	N.R. 7.3	5 . 7
Old Battle:	6H10P	9800	3/27	91	26.3	23.6	35.4	33.3
Spirit Lake U	917	10300	3/24	52	12.7	5.6	20.2	22.2
Steel Creek Parku	10J20A	9900	3/25	52	13.2	9.3	14.4	
JACKSON LA KE TO PALISA	ADES							
			,					
Afton R.S.	10GL	6200	3/30	20	6.7	T	0.0	1.8e
Base Camp : Blackrock	10F2 10F7	69 00 86 00	3/27 3/20	64 68	19.7	12.4	20.5	19.9e
Blind Bull Summit ;	10F/ 10G2A	8750	3/20	69	22.3 23.0A	17.3 20.5A	25.0 34.0A	24.3
Bryan Flat	10514	6250	3/26	36	8.2	1.6	13.3	33.4e
CCC Camp ÷	10G7	7500	3/30	45	13.5	8.5	11.5	12.3
Cottonwood Lake	10G5A	7500	3/30	59	18.0A	10.5A	21.5A	16.9
Deadman Ranch	10G1A	6534	3/30	50	15.0A	2.0A	13.2A	11.2
East Rim Divide:	10F17MP	7950	3/26	41	10.0	6.7	14.4	15.7
Four Mile Meadows	10F6	7770	3/30 3/30	51 51	15.1	10.5	15.9	14.3
Greys Boundary Gros Ventre :	10F18 10F19	58 00 8 750	3/30	49	15.1 17.2	T 9.2A	13.2 17.2	11.9
Grover Park Divide	10G3	7500	3/31	142	13.1	8.1	15.0	13.7e 11.9
Loomis Park #1 :	10F16	8500	4/1	Li8	14.9	14.4	22.1	19.4
Loomis Park #2 :	1 0 F16	8500	4/1	52	15.9	14.8	23.6	. >
Poison Meadows &	10G6	8500	3/30	76	25.5A	25.7	39.6	30.9e
Salt River Summit:	10G8MP	7900 7400	3/30	54	16.6	8.11	19.4	16.1e
Snow King Mtn. #3 Teton Pass #2	10F20M 10F13	7600 8500	3/27 3/31	50 85	13.6 27.7	8.9	19.2	70 7
Togwotee Pass 4	10F19 10F9MP	9600	3/30	85	30.3	23.9 24.4	42.1 33.4	38.7 32.1
Turpin Meadows	10F5			43	12.5			
Yellowjacket	10F10	7675	N.R.			N.R.	N.R.	6.4
•		6950 7675	3/30 N.R.	43	12.5	6.4 N.R.	12.1	11.6



				SN	OW COVER			
Drainage Basin	Number			1964			T RECORD	
and	or		Date	Snow	Water	Water	Content	
Snow Course	State	Elev.	or Survey	Depth (in.)	Content (in.)	1963	1962	1943 - 57 Ave r age
SNAKE RIVER - ABOVE	JACKSON LAK	E						
Arizona Astor Creek Base Camp : Coulter Creek Glade Creek Grassy Lake Huckleberry Divide Lewis Lake Divide Moran Moran Bay Snake River Station Thumb Divide :	10F1 10E8 10F2 10E10 10E13 10E15 10E14 10E9 10F4MP 10F3 10E12MP	6850 7700 6900 7600 7200 7265 7300 7900 6500 6800 6780 7900	3/28 3/27 3/26 3/28 3/28 3/28 3/28 3/28	60 81 64 74 67 97 63 112 43 65 65	18.7 25.4 19.7 22.4 20.6 33.1 19.7 37.3 12.7 20.4 20.3	10.3 19.2 12.4 15.7 13.0 22.3 11.6 26.3 12.9 14.6	23.5 38.2 20.5 25.4 27.4 39.7 50.4 26.0 23.2 29.0	20.0e 36.4e 19.9e 25.3e 24.5e 36.7 21.2e 48.4e 12.1e 23.2e 21.9e 25.4e
BEAR RIVER								
Big Park ‡ CCC Camp Goodman Ranch Hayden Fork Kelly R.S. ‡ Monte Cristo Poison Meadows ‡ Salt River Summit ‡ Still Water Camp Trial Lake	10G11 10G7 10J6 10J7 10G12P 11H12 10G6 10G8MP 10J17	8700 7500 7900 9300 8200 8960 8500 7900 9800 9800	14/2 3/30 N.R. N.R. 14/2 3/27 3/20 N.R. 3/30	58 45 55 82 76 54 65	19.2 13.5 17.3 23.4 25.5A 16.6	15.4 8.5 3.6 11.4 12.7 19.7 25.7 11.8 7.8 18.8	26.7 11.5 6.9 21.3 24.7 33.0 39.6 19.4 12.3	20.7a 12.3 6.1 18.3e 18.0a 27.9 30.9e 16.1e
MISSOURI - CHEYENNE	RIVER							
Upper Spearfish ^S	3E1	6500	3/31	33	10.4	9.6	6.5	7.2
MISSOURI - BELLE FOUR	RCHE							
Bearlodge Divide War r en Peak	4E1P	4580 6400	3/27 3/28	23 46	5.6 13.5			
e. 1943–57 par m. Montana sno c. Colorado sr	all past d rtially est ow courses now courses ta snow cou	imated.		4. M.	Utah snow Located of Aerial st water cor Soil mois Pearson s	close to adia m atent es sture s	o divide arker stimated tack.	



STATUS OF WYOMING RESERVOIR DATA APRIL 1, 1964

DAOLA		FICADIE	HCADIE	CT00.405	1000 t-	A
BASIN and/or	RESERVO IR	ØSABLE CAPACITY	USABLE	STORAGE -	100015	Acre Feet 15-Yr. Avg.
STREAM	RESERVOIR	1000's AF	1964	1963	1962	1943-57
STILAM		1000 3 AI	1304	1907	1902	1947-71
Snake River	Jackson	847.0	633.5	599.3	165.8	465.5
Snake River	Palisades	1202.0	N.R.	1074.4	681.3	661.3#
Snake River	Grassy Lake	15.2	N.R.	11.9	8.9	13.2
North Platte	Seminoe	981.8	117.8	332.2	106.0	428.4
North. Platte	Pathfinder	1011.0	213.8	504.2	243.8	631.4
North Platte	Gurensey	39.8	18.3	32.5	19.3	28.5
North Platte	Alcova	30.3	-6.8	0.56	17.0	
North Platte	Glendo	786.3	399•9	398.0	367.9	277.0 //
Laramie River	Wheatland	95.0	20.1	60.0	73.3	
Belle Fourche	Keyhole	190.3	72.7	67.0	9.5	8.7#
Shoshone River	Buffalo Bill	380.3	125.5	152.4	127.9	220.6
Wind River	Boysen	560.0	284.7	333.1	137.9	L26.7*
Wind River	Pilot Butte	31.6	24.5	25.5	23.7	18.2
Wind River	Bull Lake	152.0	96.4	91.3	78.0	60.1
Green River	Big Sandy	38.3	12.4.	11.0	7.7	7.3 ⁴
Greybull River	Sunshine	53.0	41.1	N.R.	28.6	
Owl Creek	Anchor	16.5	0.0	0.2		

^{*} Average is for less than 15 years of record in the 1943-57 period.

^{**} Alcova, downstream from Seminoe and Pathfinder, includes 160,170 acre feet of storage that is unavailable to the Kendrick Project. In the future, storage in this reservoir will be held at usable capacity (190,500 acre feet).

^{***} Usable capacity is 439,800 acre feet. However, 59,500 acre feet are inactive except in emergency.

e Estimated average.

 $[\]frac{2}{T}$ All past data.

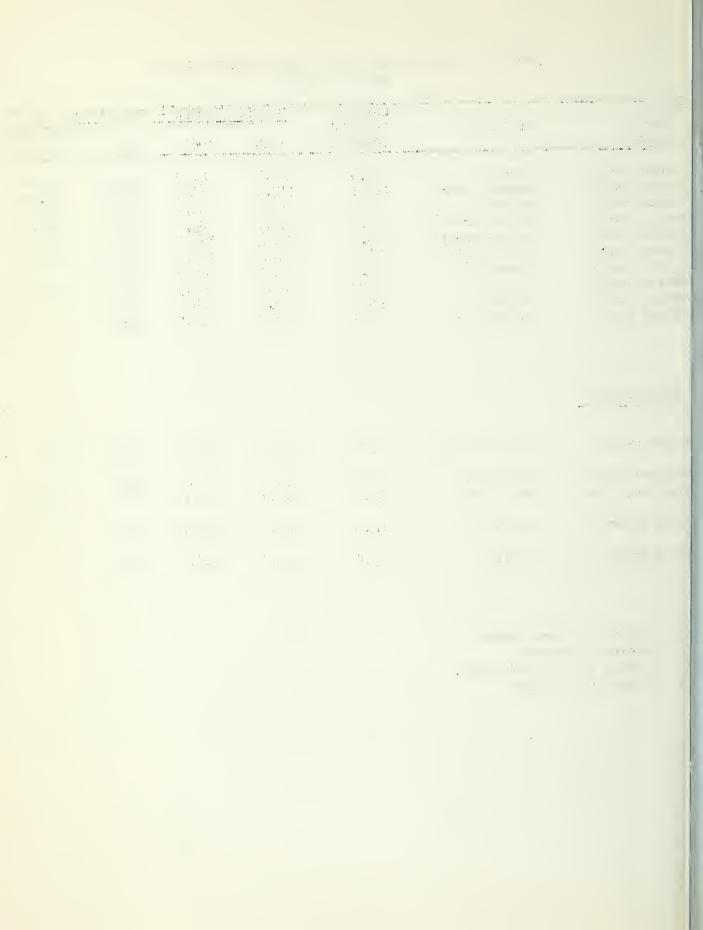


STATUS OF NEBRASKA AND SOUTH DAKOTA RESERVOIR DATA APRIL I, 1964

BASIN and/or STREAM	RESERVOIR	USABLE CAPACITY 1000's AF	USABLE 1964	STORAGE -	1000's	Acre Feet 15-Yr. Avg. 1943-57
Kansas Basin Kansas Basin Kansas Basin Kansas Basin Kansas Basin Kansas Basin Kansas Basin Kansas Basin Kansas Basin	Bonny ^c Swanson Lake ^k Enders ^k Harry Strunk ^k Halran County Cedar Bluff ^k Lovewell ^k Kirwin ^k Webster ^k Kanopolis ^k	39.9 116.1 36.0 33.9 348.8 176.8 37.3 88.8 64.9 48.1	41.2 112.5 31.5 33.7 273.4 170.2 43.5 79.3 65.4 53.3	42.0 116.3 33.7 34.1 354.0 174.3 25.6 89.9 64.9	37.4 120.6 43.0 39.2 350.2 185.6 41.8 94.0 70.6 39.5	4.0.0* 91.3* 35.8* 32.7* 211.2* 137.0*
SOUTH DAKOTA						٠
Belle Fourche	Belle Fourche ^S	185.2	142.0	174.8	58.2	116.9
Cheyenne River` Cheyenne River`	Angostura ^S Deerfield ^S	92.0 15.1	72.8 14.7	89.9 8.1	18.2 4.1	5 0.5 * 8.9*
Grand River	Shadehi II ^S	84.0	28.5	54.5	35.0	71.5*
Rapid Creek	Pacto la ^S	55.0	54.2	29.1	3.9	

s. Located in South Dakota

k. Located in Kansas* Average of all past data.c. Located in Colorado



Agencies Cooperating in Wyoming Snow Surveys

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U. S. Department of Agriculture Forest Service Soil Conservation Service

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STATE

State Engineer of Wyoming

University of Wyoming
Natural Resources Research Institute
Department of Agricultural Engineering

PRIVATE

Wheatland Irrigation District Greybull Valley Irrigation District Clouds Peak Soil & Water Conservation District Cody Soil & Water Conservation District Dubois-Crowheart Soil & Water Conservation District Greybull Valley Soil & Water Conservation District Lake DeSmet Soil & Water Conservation District Laramie Rivers Soil & Water Conservation District Little Snake River Soil & Water Conservation District Medicine Bow Soil & Water Conservation District Pinedale Soil & Water Conservation District S & E Soil & Water Conservation District Shell Valley Soil & Water Conservation District Shoshone Soil & Water Conservation District Tongue River Soil & Water Conservation District Washakie Soil & Water Conservation District Wheatland Soil & Water Conservation District Powder River Soil & Water Conservation District Pavillion & Wind River Soil & Water Conservation District Powell-Clarks Fork Soil & Water Conservation District Bridger Valley Soil & Water Conservation District

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